

# TORREYA

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## Plants of Fishers Island

CHARLES C. HANMER

The following list of Plants of Fishers Island, New York, is the result of about thirty years' collecting on the Island.

The last seven years plants have been collected for the Herbarium of the Brooklyn Botanic Garden. Almost all of this collection is now deposited in the above Herbarium.

The list contains about five hundred species and I feel that it is fairly complete, although I am sure that more species will be added from time to time.

Since 1926 a number of species have become very rare, or have disappeared entirely from the Island's flora. This refers largely to swamp plants, which could not survive the severe draining, with the resultant growth of briars and small trees.

Much credit is due my friend, Mr. Charles A. Weatherby, Senior Curator of the Gray Herbarium, Cambridge, Massachusetts, for his careful determination of the species unknown to me.

I wish to express my appreciation of the kindly interest and many courtesies accorded me, both from individuals and the Island's officials. Without these courtesies the project could not have reached its present degree of completeness.

The nomenclature used is that of the Seventh Edition of Gray's Manual, except for a few more recent names.

## Plants Found Growing on Fishers Island From 1905 to 1935

Spinulose Shield Fern	<i>Aspidium spinulosum</i> (O. F. Müller) Sw.
Marsh Shield Fern	<i>Aspidium Thelypteris</i> (L.) Sw. Common.
Hay-scented Fern	<i>Dicksonia punctilobula</i> (Michx.) Gray. Common locally.
Sensitive Fern	<i>Onoclea sensibilis</i> L. Common locally.
Christmas Fern	<i>Polystichum acrostichoides</i> (Michx.) Schott. Rare, one station known for 45 years, another found in 1935.

Net-veined Chain Fern	<i>Woodwardia areolata</i> (L.) Moore. Fairly common in swamps.
Virginia Chain Fern	<i>Woodwardia virginica</i> (L.) Sm. Fairly common in swamps.
Cinnamon Fern	<i>Osmunda cinnamomea</i> L. Common.
Field Horsetail	<i>Equisetum arvense</i> L. Occasional.
Bog Club Moss	<i>Lycopodium inundatum</i> L. var. <i>Bigelovii</i> Tuckerman. Rare. One station known.
Red Cedar or Savin	<i>Juniperus virginiana</i> L. Occasional.
Pitch Pine	<i>Pinus rigida</i> Mill. A few old trees.
White Cedar	<i>Thuja occidentalis</i> L. Several trees in swamp edge.
Narrow-leaved Cat-tail	<i>Typha angustifolia</i> L. Common in open swamps.
Broad-leaved Cat-tail	<i>Typha latifolia</i> L. Not as common as the Narrow-leaved.
Pondweed	<i>Potamogeton bupleuroides</i> Fernald. Common in lakes.
Pondweed	<i>Potamogeton pusillus</i> var. <i>tenuissimus</i> M.&K. In lakes. More species presumably occur.
Seaside Arrow-Grass	<i>Triglochin maritima</i> L. Common in salt marshes.
Broad-leaved Arrow Head	<i>Sagittaria latifolia</i> Willd. Fine colony in drained swamp, 1934.
Couch-grass	<i>Agropyron repens</i> (L.) Beauv. Common.
Herd's Grass	<i>Agrostis alba</i> L. Common.
Beach Grass	<i>Ammophila arenaria</i> (L.) Link. Common.
Forked Beard-grass	<i>Andropogon furcatus</i> Muhl.
Broom Beard-grass	<i>Andropogon scoparius</i> Michx. Common.
Soft Chess	<i>Bromus hordeaceus</i> L. Occasional.
Blue-joint Grass	<i>Calamagrostis canadensis</i> (Michx.) Beauv.
Bur-grass	<i>Cenchrus carolinianus</i> Walt. Occasional.
Large Crab-grass	<i>Digitaria sanguinalis</i> (L.) Scop. Too common. Pest.
Marsh Spike-grass	<i>Distichlis spicata</i> (L.) Greene. Common.
Barnyard Grass	<i>Echinochloa crusgalli</i> (L.) Beauv. Common.
Barnyard Grass	<i>Echinochloa muricata</i> (Michx.) Fernald.
Salt-marsh Cockspur Grass	<i>Echinochloa Walteri</i> (Pursh) Nash. Common in marshes.
Virginia Wild Rye	<i>Elymus virginicus</i> L.
—————	<i>Eragrostis caroliniana</i> (Spreng.) Scribn.
Stink or Snake Grass	<i>Eragrostis megastachya</i> (Koeler) Link. Occasional.
Sheep Fescue-grass	<i>Festuca ovina</i> L.
Blunt Manna-grass	<i>Glyceria obtusa</i> (Muhl.) Trin. Rather common.
Holy Grass	<i>Hierochloa odorata</i> (L.) Wahlenb.

Velvet Grass	<i>Holcus lanatus</i> L. Fairly common.
Squirrel-tail Grass	<i>Hordcum jubatum</i> L. Occasional.
Leptochloa	<i>Leptochloa fascicularis</i> (Lam.) Gray.
Ray-grass	<i>Lolium perenne</i> L. Common.
Witch Grass	<i>Panicum capillare</i> L. Common.
Hispid Panicum	<i>Panicum clandestinum</i> L. Occasional.
Panicum	<i>Panicum dichotomiflorum</i> Michx.
Panicum	<i>Panicum meridionale</i> Ashe.
Panicum	<i>Panicum oricola</i> Hitchc. & Chase. Common.
Scribner's Panicum	<i>Panicum Scribnerianum</i> Nash. Fairly common.
Tall Smooth Panicum	<i>Panicum virgatum</i> var. <i>obtusum</i> Wood.
Muhlenberg's Paspalum	<i>Paspalum Muhlenbergii</i> Nash.
Herd's Grass, Timothy	<i>Phleum pratense</i> L. Common.
Reed	<i>Phragmites communis</i> Trin. Common. Fort Meadow.
Wire-grass	<i>Poa compressa</i> L. Common.
Yellow Foxtail; Pigeon Grass	<i>Setaria glauca</i> (L.) Beauv.
Indian Grass	<i>Sorghastrum nutans</i> (L.) Nash.
Salt Reed Grass	<i>Spartina cynosuroides</i> (L.) Roth.
Salt Marsh Grass	<i>Spartina glabra</i> var. <i>alterniflora</i> (Loisel.) Merr.
Salt Marsh Grass	<i>Spartina glabra</i> var. <i>pilosa</i> Merr.
Slough Grass	<i>Spartina Michauxiana</i> Hitchc.
Above 4 species more or less common.	
Salt Meadow Grass	<i>Spartina patens</i> (Ait.) Muhl. Common.
Salt Meadow Grass	<i>Spartina patens</i> var. <i>juncea</i> (Michx.) Hitchc. Common.
Sand Grass	<i>Triplasis purpurea</i> (Walt.) Chapm.
Greenish-white Sedge	<i>Carex albolutescens</i> Schwein. Lake strand.
Fringed Sedge	<i>Carex crinita</i> Lam.
Fringed Sedge	<i>Carex crinita</i> var. <i>gynandra</i> (Schw.). S.&T.
Fringed Sedge	<i>Carex crinita</i> var. <i>minor</i> Boott.
Sallow Sedge	<i>Carex lurida</i> Wahlenb. Fairly common.
Muhlenberg's Sedge	<i>Carex Muhlenbergii</i> Schkuhr.
Sedge	<i>Carex rostrata</i> var. <i>utriculata</i> (Boott) Bail.
Sea-beach Sedge	<i>Carex silicea</i> Olney. Common.
Downy-green Sedge	<i>Carex virescens</i> Muhl.
Downy-green Sedge	<i>Carex virescens</i> var. <i>Swanii</i> Fernald.
Twig Rush	<i>Cladium mariscoides</i> (Muhl.) Torr.
Toothed Cyperus	<i>Cyperus dentatus</i> Torr. Common.
Low Cyperus	<i>Cyperus diandrus</i> Torr. Common.
Yellow Nut-grass	<i>Cyperus esculentus</i> L. Common.
Slender Cyperus	<i>Cyperus filiculmis</i> Vahl. Common.
Gray's Cyperus	<i>Cyperus Grayi</i> Torr.
Nuttall's Cyperus	<i>Cyperus Nuttallii</i> Eddy.
Straw-colored Cyperus	<i>Cyperus strigosus</i> L.

Dulichium	<i>Dulichium arundinaceum</i> (L.) Britton. Common in some localities.
Spike-rush	<i>Eleocharis obtusa</i> (Willd.) Schultes. Common.
Virginia Cotton-grass	<i>Eriophorum virginicum</i> L. Occurs in one swamp.
Slender Fimbristylis	<i>Fimbristylis autumnalis</i> (L.) R.&S.
Frank's Fimbristylis	<i>Fimbristylis Frankii</i> Steud.
Squarrose Fuirena	<i>Fuirena squarrosa</i> Michx. Found only once.
White Beaked-rush	<i>Rynchospora alba</i> (L.) Vahl. Fairly common in one swamp.
Clustered Beaked-rush	<i>Rynchospora glomerata</i> (L.) Vahl. Fairly common in one swamp.
Chairmakers Rush	<i>Scirpus americanus</i> Pers. Fairly common.
Wool-grass	<i>Scirpus cyperinus</i> (L.) Kunth. Fairly common.
Salt Marsh Bulrush	<i>Scirpus robustus</i> Pursh. Fairly common.
Great Bulrush	<i>Scirpus validus</i> Vahl. Fairly common.
Carolina Yellow-eyed Grass	<i>Xyris caroliniana</i> Walt. Strand, Barlow's Pond.
Asiatic Day-flower	<i>Commelina communis</i> L. Very common.
Sharp-fruited Rush	<i>Juncus acuminatus</i> Michx. Common.
Toad Rush	<i>Juncus bufonius</i> L. Common.
Canada Rush	<i>Juncus canadensis</i> J. Gay. Common.
Forked Rush	<i>Juncus dichotomus</i> Ell. Common.
Common Rush; Bog Rush	<i>Juncus effusus</i> L. Common.
Common Rush var.	<i>Juncus effusus</i> var. <i>compactus</i> L.&C.
Common Rush var.	<i>Juncus effusus</i> var. <i>costulatus</i> Fernald.
Gerard's Rush	<i>Juncus Gerardi</i> Loisel. Common.
Green's Rush	<i>Juncus Greenei</i> Oakes & Tuck. Common.
Brownish-fruited Rush	<i>Juncus pelocarpus</i> Mey.
Common Wood-rush	<i>Luzula campestris</i> var. <i>multiflora</i> (Ehrh.) Celak. Common.
Meadow Garlic	<i>Allium canadense</i> L. Common. Fort Meadows.
Asparagus	<i>Asparagus officinalis</i> L. Occurs around salt-water shores.
Red Lily; Wood Lily	<i>Lilium philadelphicum</i> L. Common in open, Fort Meadows.
Turk's-cap Lily	<i>Lilium superbum</i> L. Common in some swamps, but is being crowded out.
False Lily-of-the-valley	<i>Maianthemum canadense</i> Desf. Very common.
Indian Cucumber-root	<i>Medeola virginiana</i> L. Common in several localities.
Sessile-leaved Bellwort	<i>Oakesia sessilifolia</i> (L.) Wats. Not common. One or two stations.

Wild Spikenard	<i>Smilacina racemosa</i> (L.) Desf. Not common.
Star-flowered Solomon's Seal	<i>Smilacina stellata</i> (L.) Desf. Not common. Two or three stations.
Glaucous-leaved Greenbrier	<i>Smilax glauca</i> Walt. Common.
Carrion-flower	<i>Smilax herbacca</i> L. Common.
Greenbrier; Catbrier	<i>Smilax rotundifolia</i> L. Common.
Star-grass	<i>Hypoxis hirsuta</i> (L.) Coville. Common.
Slender Blue Flag	<i>Iris prismatica</i> Pursh. Occasional.
Larger Blue Flag	<i>Iris versicolor</i> L. Common.
Eastern Blue-eyed Grass	<i>Sisyrinchium atlanticum</i> Bicknell. Common.
Arethusa	<i>Arethusa bulbosa</i> L. Found once several years ago.
Calopogon; Grass Pink	<i>Calopogon pulchellus</i> (Sw.) R. Br. Was very common before draining of swamp.
Small Green Wood Orchid	<i>Habenaria clavellata</i> (Michx.) Spreng. Formerly common.
Ragged Orchid	<i>Habenaria lacera</i> (Michx.) R. Br. Formerly common.
Rose Pogonia	<i>Pogonia ophioglossoides</i> (L.) Ker. Was very common before draining of swamp.
Beck's Ladies' Tresses	<i>Spiranthes Beckii</i> Lindl.
Nodding Ladies' Tresses	<i>Spiranthes cernua</i> (L.) Richard. Fairly common.
Grass-leaved Ladies' Tresses	<i>Spiranthes praecox</i> (Walt.) W. & C.
Balsam Poplar	<i>Populus balsamifera</i> L. One station. Peninsular.
Bayberry; Waxberry	<i>Myrica carolinensis</i> Mill. Very common.
Smooth Alder	<i>Ahus rugosa</i> (Du Roi) Spreng. Fairly common.
Cherry, Black or Sweet Birch	<i>Betula lenta</i> L. Several stations.
Yellow Birch, Gray Birch	<i>Betula lutea</i> Michx. f. var. <i>macrolepis</i> Fernald.
American Beech	<i>Fagus grandifolia</i> Ehrh. Several stations.
False Nettle	<i>Boehmeria cylindrica</i> (L.) Sw. Occasional.
American Elm	<i>Ulmus americana</i> L. A few trees.
English Elm	<i>Ulmus campestris</i> L. A few local trees.
Buckwheat	<i>Fagopyrum esculentum</i> Moench. Occasional.
Coast Jointweed	<i>Polygonella articulata</i> (L.) Meisn. Common in very sandy soil.
Dotted or Water Smart-weed	<i>Polygonum acre</i> H B K. Common.
Halberd-leaved Tearthumb	<i>Polygonum arifolium</i> L. Occasional.
Knot-grass; Door Weed	<i>Polygonum aviculare</i> L. Common.
Knot-grass; Door Weed	<i>Polygonum aviculare</i> var. <i>littorale</i> (Link) Koch. Common.
Copse or Hedge Buckwheat	<i>Polygonum dumetorum</i> L. Common.
Pennsylvania Persicaria	<i>Polygonum pennsylvanicum</i> L. Common.
Climbing False Buckwheat	<i>Polygonum scandens</i> L. Common.

Field or Sheep Sorrel	<i>Rumex Acetosella</i> L. Common.
Curled Dock	<i>Rumex crispus</i> L. Common.
Broad-leaved or Bitter Dock	<i>Rumex obtusifolius</i> L. Apparently not common.
Halberd-leaved Orache	<i>Atriplex patula</i> var. <i>hastata</i> (L.) Gray. Common.
Lamb's Quarters	<i>Chenopodium album</i> L. Common.
Lamb's Quarters	<i>Chenopodium album</i> var. <i>viride</i> (L.) Moq. Common.
Mexican Tea	<i>Chenopodium ambrosioides</i> L. Common.
Red Goosefoot	<i>Chenopodium rubrum</i> L. Common on sea beaches.
Woody Glasswort	<i>Salicornia ambigua</i> Michx. Common in salt marshes.
Slender Glasswort	<i>Saleformia enropaca</i> L. Common, marshes.
Bigelow's Glasswort	<i>Salicornia mucronata</i> Bigel. Not as common as above two species.
Saltwort	<i>Salsola Kali</i> L. Occasional on sea beaches.
Tall Sea-blite	<i>Suaeda linearis</i> (Eil.) Moq. Fairly common on sea beaches.
Tumble Weed	<i>Amaranthus graecizans</i> L. Occasional.
Rough Pigweed	<i>Amaranthus retroflexus</i> L. Common.
Poke	<i>Phytolacca decandra</i> L. Common.
Knawel; German Knotgrass	<i>Scleranthus annuus</i> L. Common.
Carpet-weed	<i>Mollugo verticillata</i> L. Common in cultivated soil.
Blunt-leaved Sandwort	<i>Arenaria lateriflora</i> L. Occasional.
Sea-beach Sandwort	<i>Arenaria peploides</i> L. Occasional on sea beaches.
Field Chickweed	<i>Cerastium arvense</i> L. Occasional on lawns.
Larger Mouse-eared Chickweed	<i>Cerastium vulgatum</i> L. Common.
Deptford Pink	<i>Dianthus Armeria</i> L. Common.
White Campion; Evening Lychnis	<i>Lychnis alba</i> Mill. Common.
Bouncing Bet	<i>Saponaria officinalis</i> L. Common.
Bladder Campion	<i>Silene latifolia</i> (Mill.) Britten & Rendle. Occasional.
Spurrey; Corn Spurrey	<i>Spergula arvensis</i> L. Occasional.
Sand Spurrey	<i>Spergularia leiosperma</i> (Kindb.) Fern. & Wieg. Common around brackish ponds.
Sand Spurrey	<i>Spergularia marina</i> (L.) Griseb. Fairly common.
Lesser Stitchwort	<i>Stellaria graminea</i> L. Occasional.
Common Stitchwort	<i>Stellaria media</i> (L.) Cyrill. Common.
Purslane; Pussley	<i>Portulaca oleracea</i> L. Common.
Large Yellow Pond Lily	<i>Nymphaea advena</i> Ait. Common, at least in Barlow Pond.

Tall Anemone	<i>Anemone virginiana</i> L. Occasional.
Clematis (cult.)	<i>Clematis paniculata</i> Thunb. Escaped freely.
Virginia Virgin's Bower	<i>Clematis virginiana</i> L. Common.
Tall or Meadow Buttercup	<i>Ranunculus acris</i> L. Common.
Bulbous Buttercup	<i>Ranunculus bulbosus</i> L. Most common of the family.
Seaside Crowfoot	<i>Ranunculus Cymbalaria</i> Pursh. Rare. One station known.
Tall Meadow-Rue	<i>Thalictrum polygamum</i> Muhl. Common in meadows.
Meadow-Rue	<i>Thalictrum revolutum</i> DC. Occasional with above.
European Barberry	<i>Berberis vulgaris</i> L. Occasional.
Sassafras or Ague Tree	<i>Sassafras variifolium</i> (Salisb.) Ktze. Occasional. Common on South Dumpling Island.
Yellow Rocket or Cress	<i>Barbarea vulgaris</i> R. Br. Fairly common.
White Mustard	<i>Brassica alba</i> (L.) Boiss. Not as common as Black Mustard.
Black Mustard	<i>Brassica nigra</i> (L.) Koch. Fairly common.
American Sea Rocket	<i>Cakile edentula</i> (Bigel.) Hook. Common on sea beaches.
Shepherd's Purse	<i>Capsella Bursa-pastoris</i> (L.) Medic. Common.
Wormseed or Treacle Mustard	<i>Erysimum cheiranthoides</i> L. Occasional, cultivated soil.
Apetalous Pepper-grass	<i>Lepidium apetalum</i> Willd. Common.
Field or Cow Cress	<i>Lepidium campestre</i> (L.) R. Br. Occasional.
Garden Cress	<i>Lepidium sativum</i> L. Occasional.
Wild Peppergrass	<i>Lepidium virginicum</i> L. Common.
Hispid Yellow-cress	<i>Radicula palustris</i> (L.) Moench. Occasional.
Wild Radish	<i>Raphanus Raphanistrum</i> L. Not recently found.
Tumble Mustard	<i>Sisymbrium altissimum</i> L. Not recently found.
Hedge Mustard	<i>Sisymbrium officinale</i> var. <i>leiocarpum</i> DC. Common.
Oblong-leaved Sundew	<i>Drosera longifolia</i> L. Fairly common around pond strands.
Small-flowered Agrimony	<i>Agrimonia parviflora</i> Ait. Occasional. Not found recently.
Shad Bush; June-berry	<i>Amelanchier canadensis</i> (L.) Medic. Common.
Shad Bush	<i>Amelanchier oblongifolia</i> (T.&G.) Roem. Not as common as type.
Virginia Strawberry	<i>Fragaria virginiana</i> Duchesne. Common.
Avens	<i>Geum canadense</i> Jacq. Not found recently.

Silver-weed	<i>Potentilla Anserina</i> L. Common on sea beaches.
Rough Cinquefoil	<i>Potentilla monspeliensis</i> L. Occasional.
Rough Cinquefoil var.	<i>Potentilla monspeliensis</i> var. <i>norvegica</i> (L.) Rydb. Occasional.
Rough-fruited Cinquefoil	<i>Potentilla recta</i> L. Fairly well established.
Beach Plum	<i>Prunus maritima</i> Wang. Common, both purple and yellow fruits.
Wild Black Cherry	<i>Prunus serotina</i> Ehrh. Probably the commonest tree.
Choke Cherry	<i>Prunus virginiana</i> L. Not as common as above.
Red Choke-berry	<i>Pyrus arbutifolia</i> (L.) L.f. Very common with following. Red fruit.
Choke-berry	<i>Pyrus arbutifolia</i> var. <i>atropurpurea</i> (Britton) Robinson. Fruit black.
Black Choke-berry	<i>Pyrus melanocarpa</i> (Michx.) Willd. Occasional.
Swamp Rose	<i>Rosa carolina</i> L. Probably the commonest rose.
Sweetbrier	<i>Rosa rubiginosa</i> L. Occasional.
Rosa Rugosa	<i>Rosa rugosa</i> Thunb. A well-established escape.
Virginia Rose	<i>Rosa virginiana</i> Mill. Common.
Hispid or Running Swamp Blackberry	<i>Rubus hispidus</i> L. Common.
Hardhack; Steeple-bush	<i>Spiraea tomentosa</i> L. Occasional.
False Indigo	<i>Amorpha fruticosa</i> L. An escape.
Ground-nut	<i>Apios tuberosa</i> Moench. Fairly common.
Wild Indigo	<i>Baptisia tinctoria</i> (L.) R. Br. Rare. Found twice.
Beach Pea	<i>Lathyrus maritimus</i> (L.) Bigel. Very common along shore.
Tuberous Pea	<i>Lathyrus tuberosus</i> L. One station known to me.
Round-headed Bush Clover	<i>Lespedeza capitata</i> Michx. Common.
Bush Clover	<i>Lespedeza frutescens</i> (L.) Britton. Not found recently.
Black or Hop Medic	<i>Medicago lupulina</i> L. Not common.
Alfalfa; Lucerne	<i>Medicago sativa</i> L. Common in meadows.
White Sweet-clover	<i>Melilotus alba</i> Desr. Common.
Yellow Sweet-clover	<i>Melilotus officinalis</i> (L.) Lam. Not as common as above.
Locust Tree	<i>Robinia Pseudo-Acacia</i> L. A common tree.
Clammy Locust	<i>Robinia viscosa</i> Vent. One introduced colony. Pest.



Trailing Wild Bean	<i>Strophostyles helvola</i> (L.) Britton. Common around shore.
Yellow or Hop Clover	<i>Trifolium agrarium</i> L. Common.
Rabbit's foot Clover	<i>Trifolium arvense</i> L. Common.
Red, Purple or Meadow Clover	<i>Trifolium pratense</i> L. Common.
White, Dutch or Honeysuckle Clover	<i>Trifolium repens</i> L. Common.
Smaller Common Vetch	<i>Vicia Angustifolia</i> (L.) Reichard. Occasional.
Smaller Common Vetch	<i>Vicia angustifolia</i> var. <i>segetalis</i> (Thuill.) Koch. Occasional.
Tufted or Cow Vetch	<i>Vicia Cracca</i> L. Common.
Flax; Linseed	<i>Linum usitatissimum</i> L. Apparently not common.
Wild Yellow Flax	<i>Linum virginianum</i> L. Occasional.
Oxalis	<i>Oxalis europaea</i> Jord. Common.
Hemlock Stork's-bill	<i>Erodium cicutarium</i> (L.) L'Her. Found once in lawn.
Carolina Crane's-bill	<i>Geranium carolinianum</i> L. Common.
Three-leaved Hop-Tree	<i>Ptelea trifoliata</i> L. Several colonies.
Ailanthus; Tree-of-Heaven	<i>Ailanthus glandulosa</i> Desf. One large colony and some scattered trees.
Marsh Milkwort	<i>Polygala cruciata</i> L. Occasional in salt marshes.
Racemed Milkwort	<i>Polygala polygama</i> Walt. Fairly common.
Purple Milkwort	<i>Polygala sanguinea</i> L. Fairly common.
Whorled Milkwort	<i>Polygala verticillata</i> L. Fairly common.
Slender Three-seeded Mercury	<i>Acalypha gracilens</i> Gray. Occasional.
Three-seeded Mercury	<i>Acalypha virginica</i> L. Occasional, cultivated soil.
Cypress Spurge	<i>Euphorbia Cyparissias</i> L. One small colony.
Spotted Spurge	<i>Euphorbia maculata</i> L. Common.
Seaside Spurge	<i>Euphorbia polygonifolia</i> L. Common on sea beaches.
Large Spotted Spurge	<i>Euphorbia Preslii</i> Guss. Occasional.
Dwarf or Black Sumac	<i>Rhus copallina</i> L. Common.
Smooth or Scarlet Sumac	<i>Rhus glabra</i> L. Commoner than above species.
Poison or Three-leaved Ivy	<i>Rhus Toxicodendron</i> L. Too abundant.
Staghorn Sumac	<i>Rhus typhina</i> L. Common.
Poison Sumac; Poison Elder	<i>Rhus Vernix</i> L. Occasional.
Virginia Winter-berry; Black Alder	<i>Ilex verticillata</i> (L.) Gray. Occasional.
Climbing Bittersweet	<i>Celastrus scandens</i> L. Fairly common.
Sycamore Maple	<i>Acer Pseudo-Platanus</i> L. A sturdy well established tree probably originally planted.

Swamp Maple	<i>Acer rubrum</i> L. Common in swamp localities.
Spotted Touch-me-not	<i>Impatiens biflora</i> Walt. Common.
Woodbine; Virginia Creeper	<i>Psedera quinquefolia</i> (L.) Greene. Common.
American Linden; Bass-wood	<i>Tilia americana</i> L. At least one large native tree in East End swamp.
European Linden	<i>Tilia vulgaris</i> Hayne. Several planted specimens.
Swamp Rose-Mallow	<i>Hibiscus Moscheutos</i> L. Fairly common in several swamps.
Musk Mallow	<i>Malva moschata</i> L. Apparently not common recently.
Low Mallow; Cheeses	<i>Malva rotundifolia</i> L. Common.
Northern St. John's-wort	<i>Hypericum boreale</i> (Britton) Bickn.
Canadian St. John's-wort	<i>Hypericum canadense</i> L. Common around lake shores.
Orange Grass; Pine-weed	<i>Hypericum gentianoides</i> (L.) BSP. Common.
Dwarf St. John's-wort	<i>Hypericum mutilum</i> L. Common.
Common St. John's-wort	<i>Hypericum perforatum</i> L. Probably the commonest species.
St. John's-wort	<i>Hypericum punctatum</i> Lam.
Marsh St. John's-wort	<i>Hypericum virginicum</i> L. Fairly common.
Long Branched Frostweed	<i>Helianthemum canadense</i> (L.) Michx. Fairly common.
Hoary Frostweed	<i>Helianthemum majus</i> BSP. Fairly common.
False Heather; Poverty Grass	<i>Hudsonia tomentosa</i> Nutt. Very common on sand dunes.
Beach Pin-weed	<i>Lechea maritima</i> Leggett. Fairly common.
Thyme-leaved Pin-weed	<i>Lechea minor</i> L. Fairly common.
Early Blue Violet	<i>Viola cucullata</i> Ait. Common.
Arrow-leaved Violet	<i>Viola fimbriatula</i> Sm.
Lance-leaved Violet	<i>Viola lanceolata</i> L. Common.
Bird's-foot Violet	<i>Viola pedata</i> L. Common in one locality.
Woolly Blue Violet	<i>Viola sororia</i> Willd.
Swamp Loosestrife	<i>Decodon verticillatus</i> (L.) Ell. Common around some ponds.
Purple Loosestrife	<i>Lythrum Salicaria</i> L. Have found only one plant (1935).
Meadow-Beauty	<i>Rhexia virginica</i> L. Not common.
Great Willow-herb; Fire Weed	<i>Epilobium angustifolium</i> L. Occasional.
Purple-leaved Willow-herb	<i>Epilobium coloratum</i> Muhl. Occasional.
Marsh Purslane	<i>Ludwigia palustris</i> (L.) Ell. Occasional.
Evening Primrose	<i>Oenothera biennis</i> L. Common.
Mermaid-weed	<i>Proserpinaca palustris</i> L. Occasional.
Wild Sarsaparilla	<i>Aralia nudicaulis</i> L. Common in one station.
Water Hemlock	<i>Cicuta maculata</i> L. Common in swamps.

Wild Carrot	<i>Daucus Carota</i> L. Too common.
Scotch Lovage; Sea Parsley	<i>Ligusticum scoticum</i> L. Common along sea beaches.
Wild Parsnip	<i>Pastinaca sativa</i> L. Occasional.
Mock Bishop-weed	<i>Ptilimnium capillacum</i> (Michx.) Raf. Rare.
Silky Cornus; Kinnikinnik	<i>Cornus Amomum</i> Mill. Occasional.
Flowering Dogwood	<i>Cornus florida</i> L. One tree known.
Black Gum	<i>Nyssa sylvatica</i> Marsh. Common in most of the swamps.
Spotted Wintergreen	<i>Chimaphila maculata</i> (L.) Pursh. Two stations known.
Sweet Pepperbush; Clethra	<i>Clethra alnifolia</i> L. Common.
Black Huckleberry	<i>Gaylussacia baccata</i> (Wang.) Koch. Fairly common.
Male Berry	<i>Lyonia ligustrina</i> (L.) DC. Occasional.
White Swamp Honeysuckle	<i>Rhododendron viscosum</i> var. <i>nitidum</i> (Pursh) Gray. Common in swamps.
High or Swamp Blueberry	<i>Vaccinium corymbosum</i> L. Common in swamps.
Large or American Cranberry	<i>Vaccinium macrocarpon</i> Ait. Fairly common in bogs.
Marsh Rosemary; Sea Lavender	<i>Limonium carolinianum</i> (Walt.) Britton. Common along shore.
Pimpernel	<i>Anagallis arvensis</i> L. Occasional.
Whorled Loosestrife	<i>Lysimachia quadrifolia</i> L. Fairly common.
Loosestrife	<i>Lysimachia terrestris</i> (L.) BSP. Occasional in swamps.
Steironema	<i>Steironema lanceolatum</i> (Walt.) Gray. Occasional.
Star Flower	<i>Trientalis americana</i> (Pers.) Pursh. Occasional.
Bartonia	<i>Bartonia virginica</i> (L.) BSP. Occasional.
Spreading Dogbane	<i>Apocynum androsaemifolium</i> L. Common.
Indian Hemp	<i>Apocynum cannabinum</i> L. Occasional.
Indian Hemp	<i>Apocynum cannabinum</i> var. <i>pubescens</i> (R. Br.) DC. Occasional.
Blunt-leaved Milkweed	<i>Asclepias amplexicaulis</i> Sm. Rare, one station known. Has now (1935) disappeared.
Hairy Milkweed	<i>Asclepias incarnata</i> var. <i>pulchra</i> (Ehrh.) Pers. Common.
Purple Milkweed	<i>Asclepias purpurascens</i> L. Rare. Found once in 1932.
Common Milkweed	<i>Asclepias syriaca</i> L. The commonest Milkweed.

Butterfly-weed	<i>Asclepias tuberosa</i> L. Fairly common.
Whorled Milkweed	<i>Asclepias verticillata</i> L. Fairly common.
Hedge Bindweed	<i>Convolvulus sepium</i> L. Common.
Hedge Bindweed	<i>Convolvulus sepium</i> var. <i>pubescens</i> (Gray) Fern.
Dodder	<i>Cuscuta Gronovii</i> Willd. A fairly common parasite.
Viper's Bugloss	<i>Echium vulgare</i> L. Known in one field only for years.
Blue Vervain	<i>Verbena hastata</i> L. Fairly common.
White Vervain	<i>Verbena urticaefolia</i> L. Occasional. One station, found 1934.
Henbit	<i>Lamium amplexicaule</i> L. Found only once.
Common Motherwort	<i>Leonurus Cardiaca</i> L. Fairly common.
Cut-leaved Water Horehound	<i>Lycopus americanus</i> Muhl. Common.
Bugle Weed	<i>Lycopus uniflorus</i> Michx. Fairly common.
White Horehound	<i>Marrubium vulgare</i> L. Formerly rare. Large colony found in 1935.
Corn Mint; Field Mint	<i>Mentha arvensis</i> var. <i>canadensis</i> (L.) Briquet. Occasional.
Catmint; Catnip	<i>Nepeta Cataria</i> L. Occasional.
Self-heal; Heal-all	<i>Prunella vulgaris</i> L. Common.
Narrow-leaved Mountain Mint	<i>Pycnanthemum flexuosum</i> (Walt.) BSP. Occasional.
Short-toothed Mountain Mint	<i>Pycnanthemum muticum</i> (Michx.) Pers. Occasional.
Sage	<i>Salvia sylvestris</i> . A very rare plant in this country. Station destroyed in building.
Marsh Skullcap	<i>Scutellaria galericulata</i> L. Fairly common.
Mad-dog Skullcap	<i>Scutellaria lateriflora</i> L. Fairly common.
American Germander	<i>Teucrium canadense</i> L. Common.
American Germander var.	<i>Teucrium canadense</i> var. <i>littorale</i> (Bicknell) Fernald. Common.
Blue Curls	<i>Trichostema dichotomum</i> L. Common.
Purple Thorn-Apple	<i>Datura Tatula</i> L. Common.
Matrimony Vine	<i>Lycium halimifolium</i> Mill. Several stations.
Violet Petunia	<i>Petunia violacea</i> Lindl. Probably an escape.
Clammy Ground-Cherry	<i>Physalis heterophylla</i> Nees. Fairly common.
Tall Hairy Ground-Cherry	<i>Physalis pruinosa</i> L. Found several years ago.
Ground-Cherry	<i>Physalis subglabrata</i> Mackenzie & Bush.
Horse Nettle	<i>Solanum carolinense</i> L. Found large colony in 1934.
Nightshade; Bittersweet	<i>Solanum Dulcamara</i> L. Common.
Black Nightshade	<i>Solanum nigrum</i> L. Common.

Beaked Nightshade	<i>Solanum rostratum</i> Dunal. Not recently found.
Turtle-Head	<i>Chelone glabra</i> L. Found only once.
Large Purple Gerardia	<i>Gerardia purpurea</i> L. Common.
Clammy Hedge-Hyssop	<i>Gratiola virginiana</i> L. Found several years ago.
False Pimpernel	<i>Illysanthes anagallidea</i> (Michx.) Robinson. Occasional.
False Pimpernel	<i>Illysanthes dubia</i> (L.) Barnhart.
Mudweed; Mudwort	<i>Limosella aquatica</i> var. <i>tenuifolia</i> (Wolf) Pers. Common.
Blue Toad-Flax	<i>Linaria canadensis</i> (L.) Dumort. Common.
Yellow Toad-Flax	<i>Linaria vulgaris</i> Hill. Common.
Paulownia	<i>Paulownia tomentosa</i> (Thunb.) Steud. Several trees.
Hare Figwort	<i>Scrophularia leporella</i> Bicknell. Several stations.
Moth Mullen	<i>Verbascum Blattaria</i> L. Rare. Found once.
Great Mullen	<i>Verbascum Thapsus</i> L. Common.
Purslane Speedwell	<i>Veronica peregrina</i> L. Common.
Thyme-leaved Speedwell	<i>Veronica serpyllifolia</i> L. Not common.
Bladderwort	<i>Utricularia clandestina</i> Nutt. Found once in 1920.
Beech-drops	<i>Epifagus virginiana</i> (L.) Bart. Several stations. Under Beeches.
Naked Broom-rape; Cancer-root	<i>Orobanche uniflora</i> L. One station 1933.
Large-bracted Plantain	<i>Plantago aristata</i> Michx. Common, sandy localities.
Seaside Plantain	<i>Plantago decipiens</i> Barneoud. Fairly common.
English Plantain; Rib-grass	<i>Plantago lanceolata</i> L. Very common.
Common Plantain	<i>Plantago major</i> L. Not as common as Rugel's Plantain.
Rugel's Plantain	<i>Plantago Rugelii</i> Dene. Common.
Button-bush	<i>Cephalanthus occidentalis</i> L. Occurs in one or two swamps.
Cleavers; Goose-grass	<i>Galium Aparine</i> L. Occasional.
Clayton's Bedstraw	<i>Galium Claytoni</i> Michx. Fairly common.
Hairy Bedstraw	<i>Galium pilosum</i> Ait. Not recently found.
Stiff Marsh Bedstraw	<i>Galium tinctorium</i> L. Fairly common.
Sweet-scented Bedstraw	<i>Galium triflorum</i> Michx. Fairly common.
Japanese Honeysuckle	<i>Lonicera japonica</i> Thunb. Very common and well established for years.
Tartarian Bush-Honeysuckle	<i>Lonicera tatarica</i> L. Fairly common.
American Elder	<i>Sambucus canadensis</i> L. Very common.
Appalachian Tea	<i>Viburnum cassinoides</i> L. Occasional.

Arrow-wood	<i>Viburnum dentatum</i> L. Only one shrub known. May prove to be <i>V. venosum</i> Britton.
Wild Balsam Apple	<i>Echinocystis lobata</i> (Michx.) T. & G. Common in localities.
Sheep's-bit	<i>Jasione montana</i> L. Rare. One station known.
Venus Looking-Glass	<i>Specularia perfoliata</i> (L.) A.DC. Occasional. One station known.
Pale Spiked Lobelia	<i>Lobelia spicata</i> Lam. Fairly common.
Yarrow; Milfoil	<i>Achillea Millefolium</i> L. Common.
Ragweed; Roman Wormwood	<i>Ambrosia artemisiifolia</i> L. Very common.
Western Ragweed	<i>Ambrosia psilostachya</i> DC. Occasional.
Pearly Everlasting	<i>Anaphalis margaritacea</i> (L.) B. & H. Occasional.
Everlasting; Pussy Toes	<i>Antennaria fallax</i> Greene. Fairly common.
Plantain-leaf Everlasting	<i>Antennaria plantaginifolia</i> (L.) Richards. Fairly common.
Corn Chamomile	<i>Anthemis arvensis</i> L. Occasional.
Mayweed; Dillweed	<i>Anthemis Cotula</i> L. Common.
Yellow Chamomile	<i>Anthemis tinctoria</i> L. Sparingly as an escape.
Common Burdock	<i>Arcium minus</i> Bernh. Common.
Tall or Wild Wormwood	<i>Artemisia caudata</i> Michx. Fairly common.
Beach Wormwood	<i>Artemisia Stelleriana</i> Bess. Fairly common on beaches.
Whorled Aster	<i>Aster acuminatus</i> Michx. Occasional.
Common Blue Wood Aster	<i>Aster cordifolius</i> L. Occasional.
White Wood Aster	<i>Aster divaricatus</i> L. Occasional.
Bushy Aster	<i>Aster dumosus</i> L. Occasional.
Rush Aster	<i>Aster junceus</i> Ait. Occasional.
Smooth Aster	<i>Aster laevis</i> L. Occasional.
Starved Aster	<i>Aster lateriflorus</i> (L.) Britton. Occasional.
Stiff-leaved Aster	<i>Aster linariifolius</i> L. Very common.
Long-leaved Aster	<i>Aster longifolius</i> Lam. Long-leaved Aster.
Dense-flowered Aster	<i>Aster multiflorus</i> Ait. Common.
New England Aster	<i>Aster novae-angliae</i> L. Not common.
New York Aster	<i>Aster novi-belgii</i> L. Fairly common.
Tall White Aster	<i>Aster paniculatus</i> Lam.
Late Purple Aster	<i>Aster patens</i> Ait. Common.
Annual Salt-marsh Aster	<i>Aster subulatus</i> Michx. Fairly common.
Perennial Salt-marsh Aster	<i>Aster tenuifolius</i> L. Fairly common.
Tall Flat-topped White Aster	<i>Aster umbellatus</i> Mill. Occasional.
Small White Aster	<i>Aster vimineus</i> Lam. Common.
Groundsel Tree	<i>Baccharis halimifolia</i> L. Two bushes known. Since died.
Beggar-ticks	<i>Bidens connata</i> Muhl. Common.

Beggar-ticks	<i>Bidens vulgata</i> Greene. Common.
Musk Thistle	<i>Carduus nutans</i> L. Found several years ago.
Bachelor's Buttons	<i>Centaurea Cyanus</i> L. Occasional.
Knapweed	<i>Centaurea Jacea</i> L. Found several years ago.
Black Knapweed; Centaury	<i>Centaurea nigra</i> L. Very common.
Black Knapweed var.	<i>Centaurea nigra</i> var. <i>radiata</i> DC. Not as common as type.
Daisy; White-weed	<i>Chrysanthemum Leucanthemum</i> L. Common.
—————	<i>Chrysanthemum uliginosum</i> Pers. Found one year.
Sickle-leaved Golden Aster	<i>Chrysopsis falcata</i> (Pursh) Ell. One station known for many years, but has now disappeared.
Chicory; Blue Sailors	<i>Cichorium Intybus</i> L. Very common. Occasionally rose pink.
Canada Thistle	<i>Cirsium arvense</i> (L.) Scop. Very common.
Canada Thistle var.	<i>Cirsium arvense</i> var. <i>vestitum</i> Wimm. & Grab.
Field Thistle	<i>Cirsium discolor</i> (Muhl.) Spreng. Common.
Common Bull Thistle	<i>Cirsium lanceolatum</i> (L.) Hill. Fairly common.
Pasture Thistle	<i>Cirsium pumilum</i> (Nutt.) Spreng.
Tickseed	<i>Coreopsis lanceolata</i> L. Escaped from cultivation; very freely of late.
Tickseed	<i>Coreopsis tinctoria</i> Nutt. Found once. Apparently an escape.
Narrow-leaved Hawksbeard	<i>Crepis tectorum</i> L. Occasional.
Fire-weed	<i>Erechtites hieracifolia</i> (L.) Raf. Occasional
Canada Fleabane	<i>Erigeron canadensis</i> L. Common.
Philadelphia Fleabane	<i>Erigeron philadelphicus</i> L. Fairly common.
Daisy Fleabane	<i>Erigeron ramosus</i> (Walt.) BSP. The commonest species. Sometimes rayless.
—————	<i>Erigeron pusillus</i> Nutt. Apparently uncommon.
Hyssop-leaved Thoroughwort	<i>Eupatorium hyssopifolium</i> L. Found in 1916. Apparently restricted.
Boneset; Common Thoroughwort	<i>Eupatorium perfoliatum</i> L. Fairly common.
Hairy Thoroughwort	<i>Eupatorium pubescens</i> Muhl. Occasional.
Joe-Pye or Trumpet-weed	<i>Eupatorium purpureum</i> L. Not common.
Rough Thoroughwort	<i>Eupatorium verbenaefolium</i> Michx. Not common.
Galinsoga	<i>Galinsoga parviflora</i> var. <i>hispida</i> DC. Common. Cultivated soil.
Many Headed Cudweed	<i>Gnaphalium polycephalum</i> Michx. Occasional.

Low or Marsh Cudweed	<i>Gnaphalium uliginosum</i> L. Common.
Broad-leaved Gum-plant	<i>Grindelia squarrosa</i> (Pursh) Dunal. Found once in 1915.
Purple-head Sneezeweed	<i>Helenium nudiflorum</i> Nutt. Occasional. A new arrival.
Maximilian's Sunflower	<i>Helianthus Maximiliani</i> Schrad. Found once in 1909.
Prairie Sunflower	<i>Helianthus petiolaris</i> Nutt. Found once in 1905.
Pale-leaved Wood Sunflower	<i>Helianthus strumosus</i> L. Occasional.
Jerusalem Artichoke	<i>Helianthus tuberosus</i> L. Occasional.
Orange Hawkweed	<i>Hieracium aurantiacum</i> L. Occasional.
Canada Hawkweed	<i>Hieracium canadense</i> Michx. Common.
Gronovius' Hawkweed	<i>Hieracium Gronovii</i> L. Occasional.
Field Hawkweed	<i>Hieracium pratense</i> Tausch. Occasional.
Rough Hawkweed	<i>Hieracium scabrum</i> Michx. Occasional.
Long-rooted Cat's-ear	<i>Hypochaeris radicata</i> L. Fairly common.
Marsh Elder	<i>Iva oraria</i> Bartlett. Fairly common.
Burweed Marsh Elder	<i>Iva xanthifolia</i> Nutt. Found once in 1915.
Wild or Tall Lettuce	<i>Lactuca canadensis</i> L. Common.
Prickly Lettuce	<i>Lactuca scariola</i> L. Becoming common.
Fall Dandelion	<i>Leontodon autumnalis</i> L. Fairly common.
Scaly Blazing Star	<i>Liatris scariosa</i> Willd. Common.
Pineapple-weed	<i>Matricaria suaveolens</i> (Pursh) Buchenau. Common.
Scotch Thistle	<i>Onopordum Acanthium</i> L. Occasional. Becoming rarer.
Salt Marsh Fleabane	<i>Pluchea camphorata</i> (L.) DC. Very common around some of the ponds.
Rattlesnake-root; White Lettuce	<i>Prenanthes alba</i> L. Common.
Tall White Lettuce.	<i>Prenanthes altissima</i> L. Common.
Tall Rattlesnake Root	<i>Prenanthes trifoliolata</i> (Cass.) Fernald. Found in 1906.
Black Eyed Susan	<i>Rudbeckia hirta</i> L. Common.
Toothed White-topped Aster	<i>Sericocarpus asteroides</i> (L.) BSP. Occasional.
Golden-rod	<i>Solidago asperula</i> Desf.
White Golden-rod; Silver-rod	<i>Solidago bicolor</i> L. Occasional.
Bushy Golden-rod	<i>Solidago graminifolia</i> (L.) Salisb. Occasional.
Bushy Golden-rod var.	<i>Solidago graminifolia</i> var. <i>Nuttallii</i> (Greene) Fernald.
Early Golden-rod	<i>Solidago juncea</i> Ait. Fairly common.
Swamp Golden-rod	<i>Solidago neglecta</i> T. & G. Found 1906.
Gray or Field Golden-rod	<i>Solidago nemoralis</i> Ait. Probably the commonest species of genus.



Anise-scented Golden-rod	<i>Solidago odora</i> Ait. Not common.
Downy Golden-rod	<i>Solidago puberula</i> Nutt. Occasional.
Golden-rod	<i>Solidago rugosa</i> Mill. Common.
Sea-side Golden-rod	<i>Solidago sempervirens</i> L. Common.
Slender Fragrant Golden-rod	<i>Solidago tenuifolia</i> Pursh. Occasional.
Corn Sow-Thistle	<i>Sonchus arvensis</i> L. Common.
Spiny Sow-Thistle	<i>Sonchus asper</i> (L.) Hill. Occasional.
Annual Sow-Thistle	<i>Sonchus oleraceus</i> L. Occasional.
Red Seeded Dandelion	<i>Taraxacum erythrospermum</i> Andr. Occasional.
Dandelion	<i>Taraxacum officinale</i> Weber. Common.
American Cocklebur	<i>Xanthium canadense</i> Mill. Found in 1906.
Cocklebur	<i>Xanthium echinatum</i> Murr. Fairly common.

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